

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063037.D
 Acq On : 8 Jul 2019 15:37
 Operator : VA/AP
 Sample : VD0708SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Quant Time: Jul 09 05:10:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	850152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1209746	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1015896	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	549386	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	476757	51.59	ug/l	-0.01
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	6.93	113	529973	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
50) Toluene-d8	10.41	98	1147021	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	13.55	95	516070	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	253225	23.018	ug/l	100
3) Chloromethane	1.75	50	180175	21.777	ug/l	91
4) Vinyl Chloride	1.85	62	186515	22.737	ug/l	94
5) Bromomethane	2.14	94	73847	19.222	ug/l #	96
6) Chloroethane	2.25	64	78461	21.126	ug/l	95
7) Trichlorofluoromethane	2.53	101	379855	22.880	ug/l	99
8) Diethyl Ether	2.87	74	49684	23.554	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.15	101	211456	23.511	ug/l	97
10) Methyl Iodide	3.30	142	253589	21.371	ug/l	92
11) Tert butyl alcohol	4.09	59	47453	112.747	ug/l #	95
12) 1,1-Dichloroethene	3.12	96	164151	24.329	ug/l	98
13) Acrolein	3.04	56	25906	60.293	ug/l	95
14) Allyl chloride	3.61	41	233409	23.412	ug/l	93
15) Acrylonitrile	4.20	53	123369	124.747	ug/l	92
16) Acetone	3.23	43	197379	101.160	ug/l	95
17) Carbon Disulfide	3.37	76	477637	22.150	ug/l	96
18) Methyl Acetate	3.65	43	84855	30.418	ug/l	99
19) Methyl tert-butyl Ether	4.24	73	358913	24.573	ug/l	94
20) Methylene Chloride	3.82	84	174075	24.700	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	164959	22.962	ug/l	93
22) Diisopropyl ether	5.13	45	473877	23.373	ug/l	99
23) Vinyl Acetate	5.06	43	1348360	106.281	ug/l	99
24) 1,1-Dichloroethane	4.98	63	309165	23.421	ug/l	97
25) 2-Butanone	6.08	43	208069	120.386	ug/l	94
26) 2,2-Dichloropropane	6.02	77	336442	24.046	ug/l	94
27) cis-1,2-Dichloroethene	6.04	96	187703	24.707	ug/l	95
28) Bromochloromethane	6.44	49	115239	24.787	ug/l	90
29) Tetrahydrofuran	6.46	42	95509	116.795	ug/l	94
30) Chloroform	6.66	83	373609	23.273	ug/l	93
31) Cyclohexane	6.96	56	207559	23.918	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	381518	22.817	ug/l	93
36) 1,1-Dichloropropene	7.14	75	249075	21.750	ug/l #	91
37) Ethyl Acetate	6.19	43	96979	19.487	ug/l #	93
38) Carbon Tetrachloride	7.11	117	370427	21.507	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	221936	22.016	ug/l	93
40) Benzene	7.45	78	514672	22.389	ug/l	95
41) Methacrylonitrile	6.45	41	128494	21.276	ug/l #	89
42) 1,2-Dichloroethane	7.58	62	268305	21.395	ug/l	98
43) Isopropyl Acetate	9.24	43	130761	21.779	ug/l #	96
44) Trichloroethene	8.54	130	208667	23.154	ug/l	90
45) 1,2-Dichloropropane	8.94	63	125345	21.929	ug/l	92
46) Dibromomethane	9.06	93	108806	22.159	ug/l	94
47) Bromodichloromethane	9.38	83	281947	22.110	ug/l	99
48) Methyl methacrylate	9.12	41	94351	22.114	ug/l	95
49) 1,4-Dioxane	9.08	88	17687	498.280	ug/l #	83
51) 4-Methyl-2-Pentanone	10.30	43	452841	106.383	ug/l	100
52) Toluene	10.51	92	352461	22.810	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	230573	22.091	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	259989	22.917	ug/l	92
55) 1,1,2-Trichloroethane	11.19	97	117304	22.096	ug/l	92
56) Ethyl methacrylate	11.04	69	126575	22.310	ug/l	97
57) 1,3-Dichloropropane	11.41	76	170452	20.969	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	342428	117.565	ug/l	98
59) 2-Hexanone	11.53	43	322430	106.357	ug/l	99
60) Dibromochloromethane	11.68	129	215742	21.818	ug/l	98
61) 1,2-Dibromoethane	11.81	107	144842	23.101	ug/l	97
64) Tetrachloroethene	11.26	164	188655	22.563	ug/l	91
65) Chlorobenzene	12.40	112	439577	23.315	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	202035	22.914	ug/l	93
67) Ethyl Benzene	12.52	91	755158	22.309	ug/l	99
68) m/p-Xylenes	12.67	106	570237	48.367	ug/l	99
69) o-Xylene	13.05	106	263963	24.492	ug/l	94
70) Styrene	13.07	104	456681	24.124	ug/l	94
71) Bromoform	13.24	173	131530	21.773	ug/l	92
73) Isopropylbenzene	13.40	105	757399	21.501	ug/l	98
74) N-amyl acetate	13.27	43	192524	22.506	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	128623	22.410	ug/l	100
76) 1,2,3-Trichloropropane	13.73	75	137346	21.656	ug/l	98
77) Bromobenzene	13.67	156	211161	22.287	ug/l	97
78) n-propylbenzene	13.77	91	916055	22.343	ug/l	94
79) 2-Chlorotoluene	13.84	91	548976	23.430	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	719932	24.332	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	34556	20.789	ug/l	85
82) 4-Chlorotoluene	13.95	91	671942	23.821	ug/l	98
83) tert-Butylbenzene	14.19	119	750762	22.764	ug/l	92
84) 1,2,4-Trimethylbenzene	14.23	105	675278	22.267	ug/l	97
85) sec-Butylbenzene	14.37	105	794131	22.154	ug/l	95
86) p-Isopropyltoluene	14.49	119	759841	23.171	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	404517	23.817	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	402582	23.600	ug/l	95
89) n-Butylbenzene	14.79	91	716668	23.350	ug/l	97
90) Hexachloroethane	15.01	117	198815	22.549	ug/l	93
91) 1,2-Dichlorobenzene	14.80	146	332304	22.868	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	15.37	75	22079	19.709	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	251733	22.177	ug/l	99
94) Hexachlorobutadiene	16.03	225	184478	21.273	ug/l	95
95) Naphthalene	16.12	128	363454	22.845	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	199194	22.839	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

